

TITLE: Method And Apparatus For Managing Calls Through An Entertainment Center INVENTORS: Michael J. BRUNELLE et al.

SERIAL NO.: 09/855,839 DOCKET NO.: 782.1104

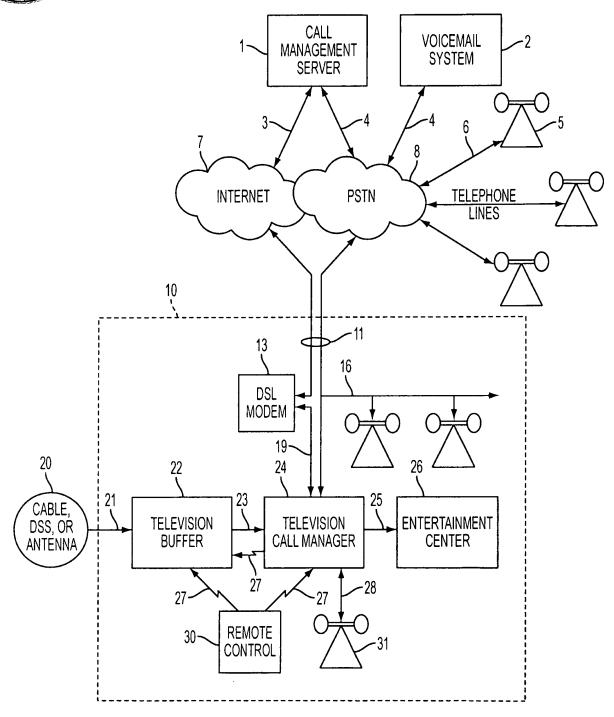


FIG. 1

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Calls Through An Entertainment Center
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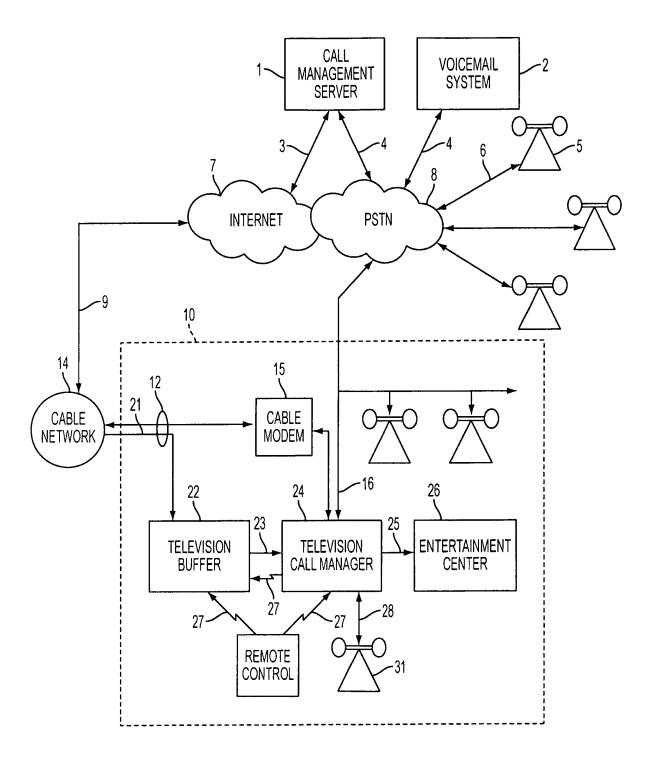


FIG. 2

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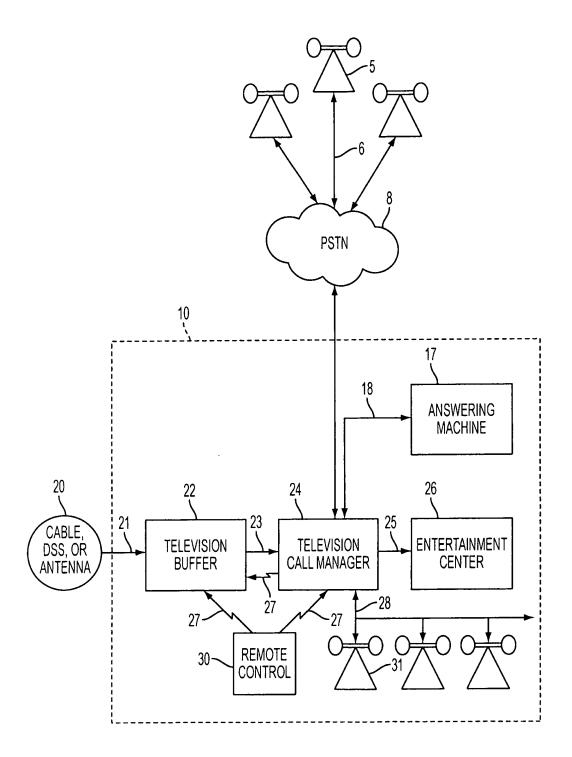


FIG. 3

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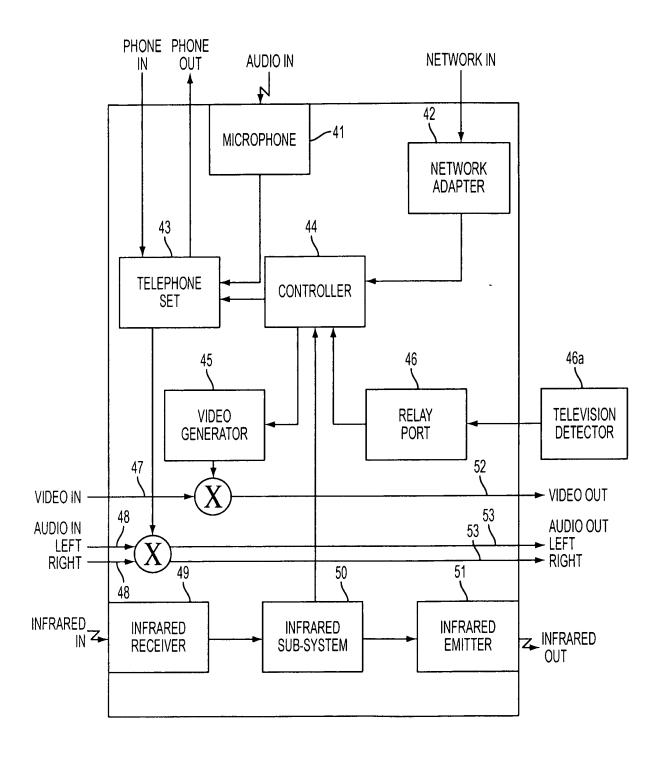


FIG. 4

TITLE: Method And Apparatus For Managing Calls Through An Entertainment Center INVENTORS: Michael J. BRUNELLE et al. SERIAL NO.: 09/855,839 DOCKET NO.: 782.1104 106 USE TV 108-YES SEND CALL TO HOME FOR INCOMING CALLS? NO PHONE(S) AS USUAL 104 INCOMING 110 YES CALL FOR SUBSCRIBER RECEIVED BY CALL NO SEND INCOMING CALL NOTIFICATION TO TVCM'S NETWORK MANAGEMENT ADAPTER, CONTROLLER RECEIVES THE NOTIFICATION SERVER? 112 CONTROLLER SENDS IR COMMAND(S) TO IR SUB-START 100 SYSTEM TO START RECORDING THE TV PROGRAM. IR EMITTER SENDS IR COMMAND TO BUFFERING DEVICE 114 CONTROLLER RECEIVES SIGNAL FROM THE RELAY PORT THAT THE EXTERNAL TV DETECTOR HAS SENSED THAT THE TV HAS BEEN TURNED ON CONTROLLER INSTRUCTS VIDEO GENERATOR TO 102 PRODUCE THE ON-SCREEN MENU AND SWITCHES THE VIDEO SOURCE TO THE TVCM VIDEO GENERATOR 116 CONTROLLER SENDS A MESSAGE TO THE CALL MANAGEMENT SERVER VIA THE NETWORK VIDEO GENERATOR DISPLAYS THE CALLER'S ID AND A ADAPTER THAT TV CAN BE USED TO HANDLE MENU OF CALL HANDLING OPTIONS ON THE TV SCREEN INCOMING CALLS FOR THIS SUBSCRIBER 134 NO 118 CALL MANAGEMENT SERVER SENDS CALL CONTROLLER RECEIVES 120-TO THE BUILT-IN TELEPHONE SET SUBSCRIBER'S SELECTION FROM IR 136 TIMEOUT SUB-SYSTEM WHICH IN-TURN RECEIVES EXCEEDED? ŃΟ THE IR COMMAND FROM THE CONTROLLER SWITCHES THE AUDIO INPUT IR RECEIVER? YES TO THE BUILT-IN TELEPHONE SET 124 138 YES CONTROLLER SETS CONTROLLER SENDS THE SUBSCRIBER DECISION TO THE SUBSCRIBER'S CONTROLLER USES THE TELEPHONE SET THE CALL MANAGEMENT SERVER VIA DECISION TO THE TO ANSWER THE INCOMING CALL 140 THE NETWORK ADAPTER DEFAULT DECISION 126 SUBSCRIBER CONDUCTS PHONE CONVERSATION BY SPEAKING TO MICROPHONE AND YES IS DECISION= LISTENING TO THE CALLER OVER THE TV TAKECALL? AUDIO SYSTEM 128 I NO 142 CONTROLLER SWITCH THE VIDEO SOURCE CALL NO BACK TO THE TV PROGRAM FROM THE VIDEO INPUT 130 COMPLETED?

FIG. 5

CONTROLLER START PLAYBACK FROM RECORDED TV

PROGRAM BY INSTRUCTING THE IR SUB-SYSTEM TO

SEND THE APPROPRIATE IR COMMAND FROM THE IR

EMITTER TO THE TV BUFFERING DEVICE

132

END

144

YES

CONTROLLER SWITCHES THE AUDIO INPUT

TO THE AUDIO IN INPUTS